

Appendix Q. Detailed Annual Chesapeake Bay TMDL WLAs and LAs

This appendix presents the detailed annual WLAs and LAs for the Chesapeake Bay TMDL for nutrients and sediment in two spreadsheets:

- Appendix Q-1: Detailed Annual Chesapeake Bay TMDL WLAs and LAs for Proposed Amended WQS (Q-1_ProposedWQS_AnnualLoads_092310.xls)
- Appendix Q-2: Detailed Annual Chesapeake Bay TMDL WLAs and LAs for Full Back Stop Allocations (Q-2_FullBackStop_AnnualLoads_092310.xls)

Appendix Q-1 includes detailed nitrogen, phosphorus, and sediment annual allocations to achieve the proposed amended WQS. Appendix Q-2 includes detailed nitrogen, phosphorus, and sediment annual allocations to achieve a full backstop TMDL, in case such controls are needed in the final TMDL (Section 8). Each of the spreadsheets list total nitrogen (TOTN), total phosphorus (TOTP) and total sediment (TSED) loads as both delivered to the Chesapeake Bay's tidal waters and edge-of-stream (discharge to local waterbodies) (Section 9). Loading information is reported at both detailed and summary spatial scales and both detailed and summary source categories – working from general at the top of the worksheet to more detailed towards the bottom of the worksheet. Finer scale allocations are shown for each of the 92 segments and by sources for WLAs including agriculture (CAFOs), stormwater (MS4s), wastewater (CSO) and wastewater (significant and nonsignificant by NPDES permit); and for LAs including agriculture, forest, non-tidal atmospheric deposition, onsite treatment systems, and urban sources.